

**GOVERNMENT OF INDIA
EARTH SCIENCES
LOK SABHA**

UNSTARRED QUESTION NO:5112
ANSWERED ON:29.04.2008
HI TECH RADAR SYSTEM FOR CYCLONE PREDICTION
Satpathy Shri Tathagata

Will the Minister of EARTH SCIENCES be pleased to state:

- (a) Whether the Government has decided to set up high tech radar systems in the coastal belt of Orissa to monitor cyclone and other national disasters;
- (b) if so, the details thereof;
- (c) the locations at which such system is likely to be set up;
- (d) the total funds earmarked/released for the said purpose; and
- (e) the time by when the system is likely to be made functional?

Answer

MINISTER OF SCIENCE AND TECHNOLOGY AND MINISTER OF EARTH SCIENCES (SHRI KAPIL SIBAL)

(a), (b) & (c) India Meteorological Department (IMD) presently operates a network of 10 Cyclone Detection Radars and 29 Storm Detection Radars. One Cyclone Detection Radar is located at Paradip and one Storm Detection Radar at Bhubaneswar. Under modernization of observations and forecasting facilities of IMD (Phase-I), 12 nos. of Doppler Weather Radars (DWR) used in forecast of severe weather events are being procured for installation at various places of the country. With these, complete coastal belt of India including Orissa would be covered. One of the 12 Doppler Weather Radars is planned to be set up at Paradip in place of existing Cyclone Detection Radar.

(d) A total amount of Rs. 920 crore has been approved by the Cabinet for the modernization phase I of IMD that includes commissioning of the 12 Doppler weather radars.

(e) The target date for commissioning of the Paradip radar is December 2009.